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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**Applicant(s):** Akio Kosaka, et al.      **Examiner:** Unaassigned  
**Serial No.:** Unassigned      **Art Unit:** Unassigned  
**Filed:** Herewith      **Docket:** 13378  
**For:** THREE-DIMENSIONAL POSITION      **Dated:** February 4, 2000  
         AND ORIENTATION SENSING SYSTEM

Assistant Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Japanese Patent Application KOKAI Publication No. 7-98208, dated April 11, 1995.
2. Martin A. Fischler et al., "Random Sample Consensus: A Paradigm for Model Fitting with Applications to Image Analysis and Automated Cartography," SRI International.

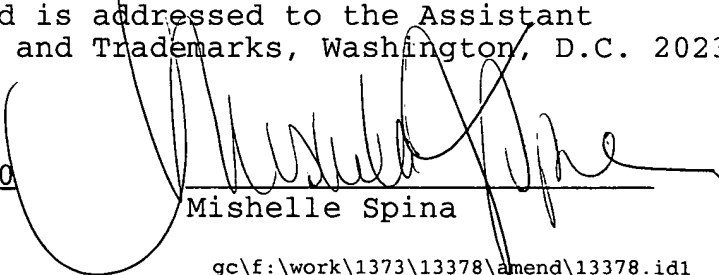
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Dated: February 4, 2000

  
Michelle Spina

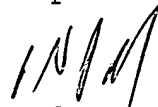
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3. William A. Hoff et al., "Computer vision-based registration techniques for augmented reality," SPIE, Vol. 2904.
4. Krisnawan Rahardja et al., "Vision-Based Bin-Picking: Recognition and Localization of Multiple Complex Objects Using Simple Visual Cues," Robot Vision Laboratory.
5. Berthold K.P. Horn et al., "Closed-form solution of absolute orientation using orthonormal matrices," J. Optical Society of America, Vol. 5 No. 7, (1988).
6. Theo Pavlidis et al., "Intergrating Region Growing and Edge Detection," IEEE Transactions of Pattern Analysis and Machine Intelligence, Vol. 12, No. 3, (1990).

Applicant is submitting copies of the above-cited references. The relevance of the references has been described in the specification. In addition, an English language abstract is provided for reference No. 1, therefore, translation is not required.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no petition, certification or fee is required.

Respectfully submitted,



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